

N23DT

1975 Cessna 421B

Airframe Logbook

#6 of 6

2017 - 2024

MSN: 421B-0852



Prepared by the worldwide aviation specialists at RidgeAire, Inc.

Logbook # 6

N: N1953G

MAKE/MODEL: Cessna 421B

S/N: 421B0852

AIRFRAME
MAINTENANCE
RECORDS

SIMSAIR

Aviation Services

SINCE 1996



SimsAir Aviation Services
AIRFRAME
MAINTENANCE RECORDS

Aircraft Registration No. N1953G

Log No. 6

Aircraft Mfg. Cessna Model. 421B Serial No. 421B0852

No.1 Engine Mfg. Continental Model GTSIO-520-H18 Serial No. 817511-R

No.2 Engine Mfg. Continental Model GTSIO-520-42 Serial No. 817630-R

No.1 Propeller Mfg. McCawley Model 3AF37C516 Serial No. 952338

Hub Design No. 3AF37C516 Hub Serial No. 952338

Blade Design No. 90LFB-D Blade Serial No's. PH045
PH070
PH074
—
—

No.2 Propeller Mfg. McCawley Model 3AF37C516 Serial No. 003067

Hub Design No. 3AF37C516 Hub Serial No. 003067

Blade Design No. 90LFB-D Blade Serial No's. UJ16082
UJ16086
UJ16111
—
—

Page No.

DATE	TOTAL TIME IN SERVICE	TACH OR HOUR METER TIME	DESCRIPTION OF WORK PERFORMED - SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			TOTAL brought forward from previous page



AIRFRAME RECORD ENTRY

Hour Meter	4,011.1
Tach/ACTT	6,299.7
Ldg Cycles	6,300

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Reg. No.	N1953G
Model No.	C421B
Serial No.	421B-0852

SimsAir, LLC
Houston Executive Airport
1904 Cardiff Rd, Hangar 103-C
Brookshire, TX 77423
Phone (713) 294-7994 - Fax (832) 218-3890

1. NEW LOGBOOK OPENED THIS DATE.

The aircraft/component identified above was maintained or altered in accordance with current Federal Aviation Regulation 91.409(a)(1) and is approved for return to service for the work performed. Current maintenance manuals were used. All disrupted systems were restored and functionally tested in accordance with mfg's instructions. Pertinent details of the repair are on file under **Work Order: 1701011953G**

Date	01/17/2017	Authorized Signature: 	Donald Sims, A&P 3407386 IA
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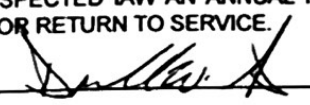
DATE	TOTAL TIME IN SERVICE	TACH OR HOUR METER TIME	DESCRIPTION OF WORK PERFORMED - SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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			AIRFRAME RECORD ENTRY		
Reg. No.	N1953G	SimsAir, LLC Houston Executive Airport 1904 Cardiff Rd, Hangar 103-C Brookshire, TX 77423 Phone (713) 294-7994 - Fax (832) 218-3890		Hour Meter	4,011.1
Model No.	C421B			Tach/ACTT	6,299.7
Serial No.	421B-0852			Ldg Cycles	6,300
				Page 1 of 1	

- 1 C/W 50 HR INSPECTION IAW CESSNA SERVICE MANUAL
- 2 C/W 100 HR INSPECTION IAW CESSNA SERVICE MANUAL
- 3 C/W 200 HR INSPECTION IAW CESSNA SERVICE MANUAL
- 4 C/W 6 MONTH ITEMS IAW CESSNA SERVICE MANUAL
- 5 C/W 12 MONTH ITEMS IAW CESSNA SERVICE MANUAL
- 6 REMOVED GILL BATTERY P/N: G-246 S/N: G02663041 AND REPLACED WITH NEW P/N: GILL G-246 S/N: G02934869. SERVICED WITH 3/4 QTS OF GILL 1.285 S.G. ELECTROLYTE. CHARGED BATTERY IAW TBP/560 REV. H.
7. REMOVED ELT BATTERY P/N: 452-6499 AND REPLACED NEW WITH P/N: 452-6499 S/N: 372467-010 IAW ARTEX ELT BATTERY PACK INSTALLATION INSTRUCTION 571-6504.
- 8 REPAIRED 1 INCH TEAR IN THE SKIN AT THE NOSE BAGGAGE, LEFT SIDE AT THE 2 O'CLOCK POSITION, STOP DRILLED AND PREPARED CRACK IAW AC 43.13-1B PAR 4-60. FABRICATED PATCH WITH ALCLAD 2024-T3 AND INSTALLED IAW AC43.13-1B PAR 4-50 THRU 4-57.
- 9 C/W FAA AD 00-01-16 (LH EXHAUST SYSTEM CRACKS AND CORROSION (PART B)) BY VISUAL INSPECTION IAW FAA AD 00-01-16 FIGURE 1. NO DEFECTS NOTED. NEXT DUE 4061.1 HOBBS OR 6349.7 ACTT OR (30 DAYS)??
- 10 C/W FAA AD 00-01-16 (LH EXHAUST SYSTEM CRACKS AND CORROSION (PART D)) BY VISUAL INSPECTION IAW FAA AD 00-01-16 FIGURE 1. NO DEFECTS NOTED. NEXT DUE 4511.1 HOBBS OR 6799.7 ACTT.
11. C/W FAA AD 00-01-16 (LH EXHAUST SYSTEM CRACKS AND CORROSION(PART F)) BY REPLACING MULTI SEGMENTED V-BAND CLAMPS P/N'S: 2274-50, 2274-30, AND 2271-200 WITH NEW CLAMPS P/N'S: 2274-50, 2274-30, AND 2271-200 IAW FAA AD 00-01-16 FIGURE 1. NEXT DUE 4511.1 HOBBS OR 6799.2 ACTT.
12. C/W FAA AD 00-01-16 (RH EXHAUST SYSTEM CRACKS AND CORROSION (PART B)) BY VISUAL INSPECTION IAW FAA AD 00-01-16 FIGURE 1. NO DEFECTS NOTED. NEXT DUE 4061.1 HOBBS OR 6349.7 ACTT OR (30 DAYS)
- 13 C/W FAA AD 00-01-16 (RH EXHAUST SYSTEM CRACKS AND CORROSION (PART D)) BY VISUAL INSPECTION IAW FAA AD 00-01-16 FIGURE 1. NO DEFECTS NOTED. NEXT DUE 4511.1 HOBBS OR 6799.7 ACTT.
- 14 C/W FAA AD 00-01-16 (RH EXHAUST SYSTEM CRACKS AND CORROSION(PART F)) BY REPLACING MULTI SEGMENTED V-BAND CLAMPS P/N'S: 2274-50, 2274-30, AND 2271-200 WITH NEW CLAMPS P/N'S: 2274-50, 2274-30, AND 2271-200 IAW FAA AD 00-01-16 FIGURE 1. NEXT DUE 4511.1 HOBBS OR 6799.2 ACTT.
- 15 C/W FAA AD 72-14-08 R1 (LH ENGINE COMPARTMENT FLEXIBLE HOSE ASSEMBLIES) BY VISUAL INSPECTION IAW CESSNA ME68-23. NO DEFECTS NOTED. NEXT DUE 4071.1 HOBBS OR 6359.7 ACTT.
- 16 C.W FAA AD 72-14-08 R1 (RH ENGINE COMPARTMENT FLEXIBLE HOSE ASSEMBLIES) BY VISUAL INSPECTION IAW CESSNA ME68-23. NO DEFECTS NOTED. NEXT DUE 4071.1 HOBBS OR 6359.7 ACTT.
17. C/W FAA AD 16-17-08 (ELEVATOR TRIM TAB ASSEMBLY PARTS ATTACHMENT HARDWARE SECURITY) BY REPLACING ALL HARDWARE CONTAINED IN KIT P/N: MEB-27-02 IAW CESSNA SERVICE BULLETIN MEB-27-02. NEXT DUE 4121.1 HOBBS OR 6409.7 ACTT OR (12 MONTHS).





Zachary R. Bishop A&P 3745781  DATE: 04/07/17 SA
781



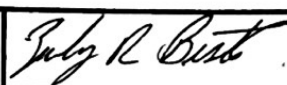

18. I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION PER FAR 43(D). IT HAS BEEN FOUND AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE.

Donald Sims A&P 3407386 IA  DATE: 04/07/17 SA
386

The aircraft/component identified above was maintained or altered in accordance with current Federal Aviation Regulation 91.409(a)(1) and is approved for return to service for the work performed. Current maintenance manuals were used. All disrupted systems were restored and functionally tested in accordance with mfg's instructions. Pertinent details of the repair are on file under Work Order: 1701091953G

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DATE	TOTAL TIME IN SERVICE	TACH OR HOUR METER TIME	DESCRIPTION OF WORK PERFORMED - SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK	
				
Reg. No.	N1953G	SimsAir, LLC Houston Executive Airport 1904 Cardiff Rd, Hangar 103-C Brookshire, TX 77423 Phone (713) 294-7994 - Fax (832) 218-3890	Hour Meter	4,021.0
Model No.	C421B		Tach/ACTT	6,309.6
Serial No.	421B-0852		Ldg Cycles	N/A
			Page 1 of 1	
1. REMOVED RH ENGINE COWLING IAW AMM 9-8B. 2. REMOVED RH PROPELLER IAW AMM 10-3. 3. REMOVED RH PROPELLER ANTI-ICE BRUSH BLOCK IAW AMM 13-66. 4. REPLACED RH ENGINE FORWARD CRANK SEAL IAW CONTINENTAL ENGINE OVERHAUL MANUAL A-4-29. 5. INSTALLED RH PROPELLER ANTI-ICE BRUSH BLOCK (SAME AS REMOVED) IAW 13-66. 6. INSTALLED RH PROPELLER (SAME AS REMOVED) IAW 10-5. 7. INSTALLED RH ENGINE COWLING (SAME AS REMOVED) IAW 9-8B. 8. PERFORMED ENGINE RUN-UP IAW AMM 2-12A. ENGINE RUN AND LEAK CHECK SATISFACTORY.				
The aircraft/component identified above was maintained or altered in accordance with current Federal Aviation Regulation 91.409(a)(1) and is approved for return to service for the work performed. Current maintenance manuals were used. All disrupted systems were restored and functionally tested in accordance with mfg's instructions. Pertinent details of the repair are on file under Work Order: 1707171953G				
Date	07/20/2017	Authorized Signature:	 	

DATE	TOTAL TIME IN SERVICE	TACH OR HOUR METER TIME	DESCRIPTION OF WORK PERFORMED - SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK	
				
Reg. No.	N1953G	SimsAir, LLC Houston Executive Airport 1904 Cardiff Rd, Hangar 103-C Brookshire, TX 77423 Phone (713) 294-7994 - Fax (832) 218-3890	Hour Meter	4,012.8
Model No.	C421B		Tach/ACTT	6,301.4
Serial No.	421B-0852		Ldg Cycles	6,3020
			Page 1 of 1	
1. REMOVED EGT INDICATOR P/N: 46155 S/N: 229102 IAW AMM 12-9. SENT TO IFL INSTRUMENTS CRS# DJSR211D FOR INSPECTION AND REPAIR SEE FAA FORM 337. 2. REMOVED LH ENGINE EGT PROBE AND REPLACED NEW WITH P/N: 86255 IAW AMM 13-78 AND ALCOR INSTALLATION INSTRUCTIONS P/N: 59180 REV. G. 3. REMOVED RH ENGINE EGT PROBE AND REPLACED NEW WITH P/N: 86255 IAW AMM 13-78 AND ALCOR INSTALLATION INSTRUCTIONS P/N: 59180 REV. G. 4. REINSTALLED SAME EGT INDICATOR IAW AMM 12-9. OPERATION CHECK SATISFACTORY.				
The aircraft/component identified above was maintained or altered in accordance with current Federal Aviation Regulation 91.409(a)(1) and is approved for return to service for the work performed. Current maintenance manuals were used. All disrupted systems were restored and functionally tested in accordance with mfg's instructions. Pertinent details of the repair are on file under Work Order: 1705011953G				
Date	05/08/2017	Authorized Signature:	 	

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**REPAIRED - SIGNATURE & CERTIFICATE
FORMING WORK**



AERO STRUCTURAL SERVICES, L.L.C.
F.A.A. C.R.S. F8VR2340

1-23-18
CESSNA 421B S/N 0852 N1953G
FABRICATED CABIN DOOR LATCH MECHANISM CABLE AS PER SAMPLE.
REF. AC43 13-13 C17
THE AIRFRAME OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO WORK PERFORMED. ALL PERTINENT DETAILS ON AERO STRUCTURAL SERVICES W.O. # 380659.

SIGNED: *[Signature]*
GLENN HORNHOLM



AERO STRUCTURAL SERVICES, L.L.C.
F.A.A. C.R.S. F8VR2340

10-11-18
CESSNA 421B S/N 0852 N1953G
WING TIP FUEL TANKS R/L & L/H REMOVED AND REPLACED LEAKING DOMED NUTPLATES. WELD REPAIRED CHAFFS AND PIN HOLES ON TANK SKINS. PRESSURE CHECKED ASSY'S.
REF: FVIPS97007, FVIPS97003
THE AIRFRAME OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO WORK PERFORMED. ALL PERTINENT DETAILS ON AERO STRUCTURAL SERVICES W.O. # 380992.

SIGNED: *[Signature]*
GLENN HORNHOLM

09/11/19 N1953G Cessna C-421B S/N 421B0852 Hobbs 4102.9 TTAF 4102.9 Airframe Logbook

CORRECTIVE ACTIONS TAKEN

" AD 2000-01-16 EXHAUST SYSTEM Due" – Comply with by visual inspection, pressure check and tightening /torque of V clamps. Install washers to expansion joint left engine, inboard. Right engine satisfactory.

AIR PROFESSIONALS

PEARLAND REGIONAL AIRPORT
(281) 992-3484

RANDY WAHLBERG
A&P 3563642
[Signature]

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Airframe Log

N1953G - Cessna 421B - 421B0852

W/O: 1801091953G

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HM: 4,048.0	ACTT: 6,336.6	E1TT: 1,667.6	E2TT: 1,340.6	E3TT:	E4TT:	P1TT: 2,443.7	P3TT:	APUTT:
AFL:		E1C:		E2C:		P2TT: 1,149.9		P4TT:
Task No.	30	- C/W FAA AD 2016-17-08 (Elevator Trim Tab Assy Parts Attachment Hardware Security) By Visual Inspection Per Par (f)(2) of This AD. See Aircraft Logbooks Tab "AD's Requiring Additional Compliance" For Details and Recurring Times/Dates.						
Task No.	21	- C/W FAA AD 1972-14-08 R1 By Pressure Test & Visual Inspection Per Par. A & B of This AD. No Leaks or Defects Detected. See Aircraft Logbooks Tab "AD's Requiring Additional Compliance" For Details and Recurring Times/Dates.						
Task No.	6	- C/W FAA AD 2000-01-16 (Exhaust System Cracks & Corrosion) Parts B, C, and E. See Aircraft Logbooks Tab "AD's Requiring Additional Compliance" For Details and Recurring Times/Dates.						
Task No.	3	- Repaired Combustion Heater Fuel Pump Drive Shaft. Repaired Heater Wire No.5. Adjusted Overheat Temperature Sensor. Operational Check Satisfactory. Work Done With Reference To Janitrol Manual 24E25-1.						
Task No.	1	- Removed RH Engine M/N: GTSIO -520-H2 (Continental) S/N: 817630-R For Overhaul By Western Skyways (W/O:054596). Reinstalled Engine With Supplied New Hoses (Supplied By Western Skyways) and Engine Mounts (4) P/N J9613-54. Installed New CH48111-1 Oil Filter, Added 13 qts. Of Aeroshell 100 Mineral Oil. Engine Run-Up Satisfactory, No Leaks Detected. Engine & Propeller Removal & Installation Done With Reference To Cessna 421/A/B Service Manual,						
Task No.	5	- C/W 50 & 100 Hr. Inspection IAW AMM Servicing & Inspection Checklist.						
Task No.	32	- C/W 6 Mo. / 400 Hr. Battery Capacity Test IAW Gill Doc. No. Q01-1120, Rev.K. G-246, S/N G02934869 Passed At 100%.						
Task No.	31	- C/W 12 Mo. ELT Inspection IAW FAR 91.207(d). Artex ME406 P/N 453-6603, Rev.E, S/N 197-03959. Battery P/N 452-6499, Rev.F, S/N 372467-010 Replacement Due 01/2024.						
Task No.	7	- Release RH Aileron Control Cable Tension, Rotated Cable and Reset Tension, Repositioned Environmental Duct For Cable Clearance. Work Done With Reference To Cessna 421/A/B Service Manual.						
Task No.	13	- Removed RH & LH Main Fuel Tanks. Sent to Aero Structural Services For Repair (Ref. W/O: 380992). Reinstalled & Leak Tested, No Leaks Detected. Work Done With Reference To Cessna 421/A/B Service Manual.						
Task No.	14	- Replaced LH & RH Main Fuel Tank Flexible Lines As Required Using Aeroquip 303-6, 303-10 & 303-12. Work Done With Reference To Cessna 421/A/B Service Manual.						
Task No.	9	- Replaced LH & RH Main Landing Gear Torque Link Hardware As Necessary With Reference To Cessna 421/A/B Service Manual.						
Task No.	26	- Removed & Replaced LH & RH Main Wheel Brake Linings (16) P/N RA066-06600 With Reference To Cessna 421/A/B Service Manual.						
Task No.	18	- Patched Pinhole In Main Cabin Door Seal With Sealant With Reference To Cessna 421/A/B Service Manual.						
Task No.	4	- Removed & Replaced FWD Lower Cabin Door Support Cable With Fabricated Cable by Aero Structural (Ref. W/O: 380659). Installed and Adjusted. Work Done With Reference To Cessna 421/A/B Service Manual.						
Task No.	22	- Removed & Replaced RH Wing Aft Spar Attach Bolt P/N NAS146-47, Nut P/N MS21045L6 and Washer P/N MS20002-6 With New Hardware. Work Done With Reference To Cessna 421/A/B Service Manual.						
Task No.	19	- I Certify That This Aircraft Has Been Inspected IAW An Annual Inspection Per FAR 43(d). It Has Been Found To Be In Airworthy Condition And Is Approved For Return To Service. Donald W. Sims, A&P 34073861A <i>[Signature]</i>						

The aircraft/component identified above was maintained or altered in accordance with current regulation FAR 91.409(A)(1) of the Federal Aviation Administration and is approved for return to service for the work performed. Current maintenance manuals were used. All disrupted systems were restored and functionally tested in accordance with mfg's instructions. Pertinent details of the repair are on file with SimsaAir, LLC.

Date: 1/9/2019

Authorized Signature: *[Signature]* Zachary R. Bishop, A&P 3745781

SimsAir, LLC - 1904 Cardiff Rd, Hangar HC-103-C - Brookshire, TX 77423 - (713) 294-7994 - www.simsair.com

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Airframe Log

N1953G - Cessna 421B - 421B0852

W/O: 1901291953G

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HM: 4,065.2 ACTT: E1TT: E2TT: E3TT: E4TT: P1TT: P3TT: APUIT:
 AFL: E1C: E2C: E3C: E4C: P2TT: P4TT:

Task No 4 - Removed Belly Mounted Rotating Beacon Bulb P/N: GE-1939X and Replaced With New Bulb P/N: GE-1939X IAW Cessna 421 Service Manual Pg. 14-19. Operational Test Satisfactory.

The aircraft/component identified above was maintained or altered in accordance with current regulation FAR 91.409(A)(1) of the Federal Aviation Administration and is approved for return to service for the work performed. Current maintenance manuals were used. All disrupted systems were restored and functionally tested in accordance with mfg's instructions. Pertinent details of the repair are on file with SimsAir, LLC.

Date: 2/7/2019 Authorized Signature: *Zachary R. Bishop* Zachary R. Bishop, A&P 3745781

SimsAir, LLC - 1904 Cardiff Rd, Hangar HO-103-C - Brookshire, TX 77423 - (713) 294-7994 - www.simsair.com



Airframe Log

N1953G - Cessna 421B - 421B0852

W/O: 1903181953G

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HM: 4,073.6 ACTT: 6,362.2 E1TT: 1,693.2 E2TT: 1,366.2 E3TT: E4TT: P1TT: 2,469.3 P3TT: APUIT:
 AFL: E1C: E2C: E3C: E4C: P2TT: 1,176.6 P4TT:

Task No 2 - Removed Fuel Quantity Indicator P/N: DSF1158 S/N: A2058 and Sent to Aero-Mach Labs for Repair CRS # NU2R044L Ref W/O: 0483994. Reinstalled Same Fuel Quantity Indicator IAW AMM 11-8. Operational Test Satisfactory.

The aircraft/component identified above was maintained or altered in accordance with current regulation FAR 91.409(A)(1) of the Federal Aviation Administration and is approved for return to service for the work performed. Current maintenance manuals were used. All disrupted systems were restored and functionally tested in accordance with mfg's instructions. Pertinent details of the repair are on file with SimsAir, LLC.

Date: 4/13/2019 Authorized Signature: *Zachary R. Bishop* Zachary R. Bishop, A&P 3745781

SimsAir, LLC - 1904 Cardiff Rd, Hangar HC-103-C - Brookshire, TX 77423 - (713) 294-7994 - www.simsair.com

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Airframe Log

N1953G - Cessna 421B - 421B0852

W/O: 1904221953G

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HM: 4,078.2 ACTT: 6,366.8 E1TT: 1,697.8 E2TT: 1,370.8 E3TT: E4TT: P1TT: 2,473.9 P3TT: APUTT:
 AFL: E1C: E2C: E3C: E4C: P2TT: 1,180.1 P4TT:

Task No 1 - Swaped LH and RH Signal Conditioners for Troubleshooting. Swaped Back and Reinstalled IAW AMM 11-14.

The aircraft/component identified above was maintained or altered in accordance with current regulation FAR 91.409(A)(1) of the Federal Aviation Administration and is approved for return to service for the work performed. Current maintenance manuals were used. All disrupted systems were restored and functionally tested in accordance with mfg's instructions. Pertinent details of the repair are on file with SimsAir, LLC.

Date: 4/26/2019

Authorized Signature: *Zachary R. Bishop*

Zachary R. Bishop, A&P 3745781

SimsAir, LLC - 1904 Cardiff Rd, Hangar HC-103-C - Brookshire, TX 77423 - (713) 294-7994 - www.simsair.com

06/20/19 N1953G Cessna C-412B S/N 421B0852 Hobbs 4082.8 Airframe Logbook

CORRECTIVE ACTIONS TAKEN

"BOTH MAIN TIRES DUE CHANGE" ----- Jack aircraft. Replace both main tires (p/n M65-10) and tubes (p/n 650-10). Form 8130-3 supplied. Air to spec's.

"LEFT PROP WITH NOT UNFEATHER" ----- Prop repaired in field by Texas Aircraft Prop and Accessories, replacing latch assemblies. Work performed under invoice # 27093, dated 07/03/19 with details on file. Work report to be filed in Left Prop log.

AIR PROFESSIONALS

PEARLAND REGIONAL AIRPORT
(281) 992-3484

RANDY WAHLBERG
A&P 3563642

Randy Wahlberg

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10/30/19 N1953G Cessna C-421B S/N 421B0852 Hobbs 4112.5 TTAF 6401.1 Airframe Logbook

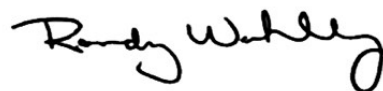
CORRECTIVE ACTIONS TAKEN

"ELECTRICAL SYSTEM NOT CHARGING CORRECTLY" — Troubleshoot system. Found right voltage regulator intermittent. Removed defective regulator (Lamar p/n B-00296-2 s/n 9910126-3) and replaced with overhauled unit (Lamar p/n B-00296-3 s/n 5407 -AR-13560). Form 8130-3 supplied. Secure wiring to regulator and replace terminal end. Engine ground run with operation of charging system normal. Adjusted as required.

AIR PROFESSIONALS

PEARLAND REGIONAL AIRPORT
(281) 992-3484

RANDY WAHLBERG
A&P 3563642



11/21/19 N1953G Cessna C-421B S/N 421B0852 Hobbs 4112.5 TTAF 6401.1 Airframe Logbook

CORRECTIVE ACTIONS TAKEN

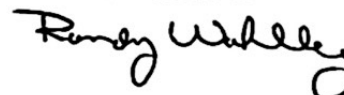
"ELECTRICAL SYSTEM CHARGING INTERMITTENTLY" — Troubleshoot system. Found:

- * Defective field wire going from cockpit control panel to right alternator. Numerous bare spots in wire allowing for grounding issues. Replaced wire with new 22AWG wiring. Added new terminal ends. Secured wiring with ty-raps.
- * Both Voltage Regulators bad. Replaced both regulators with new units from Lamar Technologies, LLC, with forms 8130-3 supplied.
 - Right Regulator Installed — P/N B-00286-1 S/N 80Q11301
 - Left Regulator Installed — P/N B-00286-1 S/N 80T21801
 - Right Regulator Removed — P/N B-00296-3 S/N 98934
 - Left Regulator Removed — P/N B-00296-3 S/N 80C37109
- * Module Assembly Diode for system bad. Replaced diode with new from Cessna Aircraft with form 8130-3 supplied. Diode P/N 5118335-10.
- * Engines ground run and regulators adjusted as necessary per Cessna 421 maintenance manual. All phases of electrical charging system found satisfactory.

AIR PROFESSIONALS

PEARLAND REGIONAL AIRPORT
(281) 992-3484

RANDY WAHLBERG
A&P 3563642



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DA


04/07/20 N1953G Cessna C421B S/N 421B0852 Hobbs 4117.0 TTAF 6405.6 ELT date 01/01/24
 FAR 91.411 & 91.413 due 08/21 Registration Expires 08/31/20
 Heater Hobbs 214.9 (next overhaul due in 276.6 hours TIS)
 Oxygen Hydrostatic Check next due 12/20
 Engine fire bottles next due service 11/20

Comply with Annual inspection per scope and details of FAR 43 Appendix D. Open wing panels, tail group and remove interior. Inspect/ lube cable pulleys, bell cranks, rod ends, chains and hinge points. Lubricate flap hinges. Check lights for operation. Check battery for condition/service. Check brake reservoirs for fluid levels. Comply with FAR 91.207(d) with functional check of ELT and found satisfactory. Inspect heater for condition , checking combustion liner by borescope and cleaning ignitor. Check security of oxygen bottle and date of hydrostatic check. Jack aircraft. Perform gear retraction both normal and emergency. Both found satisfactory. Grease landing gear. Inspect tires and brakes for wear/ condition. Close wing panels, tail group and install interior. Corrective Actions taken: #1- Remove and reinstall after overhaul by vendor co-pilot's Horizon Indicator (p/n RCA 22-7 s/n A81-2515). Work performed by Texas Aircraft Instruments under w.o. 33601, dated 03/26/20 with form 8130-3 supplied. #2- Remove and reinstall after overhaul by vendor, co-pilot's airspeed indicator (p/n 135260-0207 s/n 2277). Work performed by Texas Aircraft Instruments under w.o. 33601, dated 03/26/20 with form 8130-3 supplied. #3- Repair left wing de-ice light by replacing broken wire and bulb (p/n GE1385). #4- Replace nose tire and tube (p/n 600 X 6). #5- Add spiral wrap to left brake line to prevent rubbing. #6- Replace missing dust cover and retaining ring for left wheel bearing. #7- Repair right engine outboard nose bowl cowling with fabricated metal enforcement. Fiberglass small hole. Prime and paint. #8- Replace vacuum (p/n B3-5-1) and instrument (p/n C294501-0302) filters. #9- Replace defective lift detector (stall vane) with serviceable unit (p/n 146-2 s/n 302245) supplied by Dodson International , invoice # 173532, dated 03/30/20. Adjust vane as required per Cessna maintenance manual procedures. AD's checked thru this date and complied with as noted in AD Summary Listing. Complied with AD 72-14-08 R1 "Flexible Hoses" by inspection. Complied with AD 2000-01-16 "Engine Exhaust System" by inspection of exhaust as outlined. Inspect V-clamps for condition and tightness. Inspect spar carry thru for defects with none found. This AD is due each 50 hours TIS. Next due @ hobbs 4167.0. Complied with AD 2016-17-08 "Elevator Trim Rod" by inspection and checking hardware for security. Complied with AD 2018-03-03 R1 "Cracks- Forward Lower Carry Thru Spar Cap" by inspection with no cracks noted. I certify that this Aircraft has been inspected in accordance with an Annual inspection and was determined to be in an Airworthy condition on this date.

AIR PROFESSIONALS

PEARLAND REGIONAL AIRPORT
 (281) 992-3484

RANDY WAHLBERG
 A&P 3563642IA



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09/12/20 N1953G Cessna C-421B S/N 421B0852 Hobbs 4125.9 Airframe Logbook

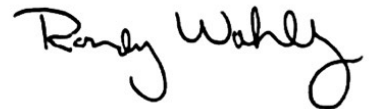
CORRECTIVE ACTIONS TAKEN

- *Troubleshoot right engine alternator issues. Remove defective unit and install overhauled unit (Prestolite p/n ALV-9510 s/n GO21316). Alternator supplied by Aerotech of Louisville, Inc. Done under w.o. 133350, dated 06/25/20, with form 8130-3 supplied.
- *Run engines and adjust voltage regulators as required for proper output, found satisfactory.
- *Troubleshoot left wing fuel conditioner box (control monitor). Found defective. Removed and sent to vendor for repair. Work performed by Tech-Aire Instruments, Inc under w.o. 101279. Form 8130-3 supplied, dated 07/16/20 (p/n 9910082-2 s/n A0378). Reinstall control box. Add fuel and adjust as required for proper indication. System found satisfactory.

AIR PROFESSIONALS

PEARLAND REGIONAL AIRPORT
(281) 992-3494

RANDY WAHLBERG
A&P 3563642



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AIRFRAME LOG ENTRY

Mesquite Aircraft Sales & Services 1350 Airport Blvd Mesquite, Texas 75181
 AIRCRAFT REGISTRATION: N1953G DATE: 11-11-2022 AFTT-6453.0 HOBBS: 4164.4

MFG: CESSNA MODEL: 421B SERIAL NO. 421B-0852

- Performed Annual Inspection on Cessna 421B S/N 0852 in accordance with FAR Part 43, appendix D, using Cessna 421 inspection program as a guide.
- Complied with A.D. research on Airframe, Engines, Props & Appliances thru 2022-20
- Gained access to and removed existing main battery GILL P/N G-246 S/N G02934869. Complied with Concorde STC # SA01118WI by using installation instructions DWG No. 5-0151 sheet 1 of 1, to install new main battery P/N RG24-20 S/N 41230561. No specific ICA's required other than normal maintenance listed in the Concorde RG series CMM and maintenance under section 43.16 and 91.403 of the F.A.R.'s. There are no airworthiness limitations required by this STC Modification. Weight and Balance negligible.
- Rekeyed all locks to match the main cabin door lock except for the right-wing locker.
- Complied with 12-month ELT Inspection in accordance with FAR 91.207(d) and Artex Aircraft Supplies Inc. Instructions for Model ME406 ELT on ELT P/N 453-6603 Rev. E S/N 197-03959. Battery P/N 452-6499.S/N 372467-010. No discrepancies found at this time. Battery Expires January 2024. Next inspection due August 2023.
- Complied with A.D. 2016-17-08 on elevator trim tab hardware by visual inspection, no discrepancies found. Lubed as required. Next inspection due 09-2023 and/or AFTT 6553.0 hrs.
- Complied with AD 2017-06-03 on Combustion Heater P/N 991088-2 S/N 665.
- Performed portable Cabin/Crew Fire Extinguisher 12-month checks and inspections in accordance with Amerex instructions and NFPA-10. Portable fire extinguisher P/N C352 S/N H-08485189. (weight 4 Lbs. 10.8 oz.) No discrepancies found at this time.
- Rekeyed all locks to match the main cabin door lock except for the right-wing locker as it would require the removal of the fuel cell to access the backside of that lock.
- Gained Access to and removed the Hoskins CFS-2000A Computerized fuel management system display unit. Programmed the "fill-up" number to "196" (as pilot requested) in accordance with section 3.1 of the pilot's operating handbook for Hoskins CFS 2000A. Re-entered current fuel quantity and function checked. Restored access and secured.
- Removed the Aircraft oxygen bottle P/N 801365-10 S/N 36169R and regulator P/N 801366-15 s/n 0945. Reinstalled after FAA CRS # NV2R045L performed hydro-testing and certification of same oxygen bottle P/N 801365-10 S/N 36169R, with regulator P/N 801366-15 S/N 0945 (see FAA Form 8130-3 # 540825 dated 26/Aug/2022 for details). Serviced O2 bottle to 1800 psi, leak check good.
- Checked the wiring and installation of the Propeller heat load meter. Checked the function of the propeller heating system. Removed prop heat load meter P/N C662503-0101RX, S/N 00K109. Sent out for bench check. Repaired wiring to the Propeller heat load meter as needed. Reinstalled the propeller heat load meter P/N C662503-0101RX, S/N 00K109 after return from inspection and testing. Performed function check of the propeller heat system with no discrepancies at this time.
- Provided clearance between right engine FWD nose bowl cowl and Inbd exhaust flanges as required.
- Touched up limit marks on nose gear tow limits placard with red paint to ensure clear visibility during towing operations.
- Gained access to the terminal board under center cockpit floor panel at F.S.141.35. Removed unsecured cut wires and secured remaining original wires on terminal board. Resecured floor access panel.
- Installed and secured a new P/N 5011050-2 seat stop in the seat rail of the right Aft facing passenger seat to limit the travel of the seat in the forward direction.
- Gained access to the right most aft cabin/baggage reading light lamp and replaced with new P/N 1495 lamp and resecured access. Function checked good.
- Checked torque on the left and right prop de-ice brush blocks retaining screws and secured with safety wire.
- Removed, disassembled, inspected, cleaned, reassembled, and resealed with new O-rings P/N MS29513-232 & MS29513-010 on left and right wing outboard (main tanks) and left- and right-wing Aux tanks and the left nacelle fuel caps.
- Replaced the left-wing fuel valve deteriorated drain tube rubber grommet P/N RG-14.
- Replaced the Right fuel boost pump drain tube rubber grommet P/N RG-14.
- Removed dirt dauber nest from the rudder trim control cable inside of the vertical stabilator and from the inside of the vertical stabilator.
- Adjusted right main inboard gear door at rod end linkage as required and performed operation check and door fit. Check good. Reference 421 M.M. landing gear rigging CH 4-17.
- Adjusted left main gear down lock tension to 55 lbs proper tension as listed in Cessna 421B M.M. J.M 09.23.22
- Removed the right brake caliper and shim and installed two new P/N RA068-03100 shims and reinstalled the right main brake caliper in accordance with Cleveland wheel and brake maintenance manual.
- Removed Left and Right main wheel assembly and existing brake discs. Installed new discs P/N 164-20306 and reinstalled Left and Right main wheel assemblies, in accordance with Cleveland wheel and brake maintenance manual.
- Removed the left and right main brake calipers. Removed worn to limits brake linings and replaced all eight brake linings (pads) on each brake assembly with 8 new P/N 056-06600 brake linings. Reinstalled the left and right brake assemblies.

AIRFRAME LOG ENTRY

Mesquite Aircraft Sales & Services 1350 Airport Blvd Mesquite, Texas 75181

Page
DA

- To gain access, removed left exhaust tail pipe, drilled out rivets on panel on the bottom of the nacelle just aft of the left engine. Inspected for crack at wing skin inside of gear well under engine bay, just forward of landing gear strut. Found end of crack and stop drilled. Crack did not cross support channel. Reinstalled engine bottom skin with cherry max rivets. Reinstalled exhaust tail pipe using new gasket P/N 24096-200N and all other components that were removed to gain access to crack in the skin, safetied, and secured as required.
- Found the Left main landing gear drag leg side brace support cracked. Repaired by incorporating Cessna Service kit SK414-8E "Wing Rib Modification - Main landing gear side brace" on the left wing in accordance with the modifications instructions. During the incorporation of this modification, found: damaged Torque Tube Bracket. P/N 5027002-202 and replaced with new bracket. Found damaged cap inboard LH P/N 5023200-55, replaced with new cap. Re-secured the left wing nacelle tank using a new P/N 5026014-1 gasket.
- Installed new portable fire extinguisher P/N C352 S/N H-08485189 with new mount and secured onto copilot's seat frame. Current weight 4 Lbs. 10.8 oz.
- Removed damaged area of left aux fuel tank floor and inserted a one-inch button plug P/N 04-04118 in hole. Reinstalled fuel tank bladder and access panel.
- Troubleshooted the combustion heater for not lighting. Found the fuel pressure @ 3 psi. at the fuel nozzle. Remove heater P/N G722129-1, S/N 665, and combustion blower/fuel pump assembly P/N 721972 for repair. Reinstalled the Overhauled combustion heater P/N 8472C/E S/N 665 a combustion blower and fuel pump assembly P/N 721972 (Ref. FAA form 8130-3 # 5005 dated 03/Nov/2022). Installed new combustion air duct (SCAT-5). Function and leak checked with no discrepancies found at this times good.

I certify this aircraft, engine, propeller and/or component identified above was repaired and/or inspected in accordance with current F.A.A. regulations and was determined to be in airworthy condition and approved for Return to Service with respect to work performed.

Dated: November 11, 2022 Signed  Steven P. Adams A&P 2713403 IA

AIRFRAME LOG ENTRY

Mesquite Aircraft Sales & Services 1350 Airport Blvd Mesquite, Texas 75181
 AIRCRAFT REGISTRATION: N23DT DATE: 12-30-2023 AFTT-6482.2 HOBBS: 4193.6
 MFG: CESSNA MODEL: 421B SERIAL NO. 421B-0852

- Performed Annual inspection on Cessna 421B S/N 0852 in accordance with FAR Part 43, appendix D, using Cessna 421 inspection program as a guide.
- Complied with A.D. research on Airframe, Engines, Props & Appliances thru 2023-26.
- Complied with 12 month ELT Inspection in accordance with FAR 91.207(d) and Artex Aircraft Supplies Inc. instructions for Model ME406 ELT on ELT P/N 453-6603 Rev. E S/N 197-03959. Battery P/N 452-6499.S/N 1004873-056. No discrepancies found at this time. Battery Expires Feb/2030. Next inspection due 12-2024.
- Replaced ELT battery ME406 P/N 452-6499 Exp. Feb 2030 in accordance with Artex instructions. Function checked good.
- Confirmed, the windshield Anti-ice pump does not work. Cleaned corrosion from around the Isopropyl Alcohol tank filler neck and painted the area with Epoxy primer. Installed new Isopropyl Alcohol tank filler cap P/N 51015. Replaced the windshield Anti-ice pump with a new P/N A76411 pump S/N 172043. Isopropyl Alcohol tank serviced and full function check and leak check performed with no leaks or further discrepancies. Re-secured gained access.
- Troubleshoot prop sync system. Gained access to the wiring and troubleshoot to find out why the prop sync "ON/OFF" light will not go out. Found wire grounded that does not need to be grounded, disconnected extra ground wire, and system now works normally. Perform system function check with engines running, operational checks good.
- Found Temporary Registration certificate for new registration number N23DT inside binder in the Co-pilots seat back and placed it in the provided display pocket in the aft section of the cabin. Found Aircraft Airworthiness Certificate inside the records storage Bin and placed it in the provided display pocket in the aft section of the cabin. Note: the Airworthiness Certificate is damaged and has the previous aircraft registration number "N1953G" on it. New registration arrived with current "N23DT" registration number, and has been placed in the provided display pocket in the aft section of the cabin.

DATE	TOTAL TIME	TACH OR HOUR METER	DESCRIPTION OF WORK PERFORMED - SIGNATURE & CERTIFICATE
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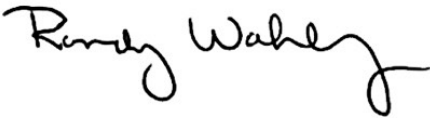
Mesquite Aircraft Sales & Services 1350 Airport Blvd Mesquite, Texas 75181

- Complied with A.D. 2016-17-08 by visual inspection of elevator trim tab hardware attachment. No discrepancies noted at this time.
- Performed portable Cabin/Crew Fire Extinguisher 12 month checks and inspections in accordance with Amerex Instructions and NFPA-10. Portable fire extinguisher P/N C352 S/N H-08485189. (weight 4 Lbs. 10.4 oz.) No discrepancies found at this time.
- Cleaned with IPA and lubricated the engine Alternate Air Doors on both Left and Right engines. Lubricated cable with LPS 2. Lubricated air filter housing with LPS1. Function checked good.
- Removed Right cabin AFT facing seat with hardware. Removed the remains of the seat adjustment lever and installed a new P/N 5119212-6 (Seat latch/Bellcrank) seat adjustment lever. Reinstalled seat with seat stop. Function checked good.
- Replaced right and left baggage compartment light lamps with new P/N 1309 Bulbs. Function checked good.
- Replaced lamps on cabin VSI indicator with new P/N 327 bulbs. Function checked good.
- Owner/Operator reports of recent installation of Cabin Carbon Monoxide detector and has many more for replacement. NO FURTHER ACTION TAKEN. Owner will set his own interval changes.
- Repaired to louver on lower center inspection panel for left engine. Using 2024T3 .032inch Alclad sheet & (4) MS20470AD 4-5 rivets.
- Removed Left cabin AFT facing seat with seat stop. Removed the seat back adjustment control assembly. Installed a new P/N MC24-07 control assembly for the seat back adjustment. Function checked good. Reinstalled Left cabin AFT facing seat. Reinstalled and secured the seat stop. Replaced cotter pin for seat rail safety lock P/N MS24665-287
- Removed Right FWD facing seat and seat stop. Removed the seat back adjustment control assembly. Installed a new P/N MC15-36 control assembly for the seat back adjustment. Removed the Seat back actuator and replaced it with a new P/N LL17500-02 actuator S/N 105724. Function checked good. Reinstalled the right FWD facing seat. Reinstalled and secured the seat stop and replaced cotter pin for seat rail safety lock with new P/N MS24665-287 cotter key.
- Removed Left Cabin FWD Facing seat and seat stop. Removed the Seat back actuator and replaced it with a new P/N LL17500-02 actuator S/N 105725. Function checked good. Reinstalled the Left Cabin FWD seat. Reinstalled and secured the seat stop and replaced cotter pin for seat rail safety lock with new P/N MS24665-287 cotter key.
- Removed the Deice light from the outboard side of the left engine nacelle. Replaced ice light lens with new P/N 0820501-11 lens. Reinstalled Deice light assembly with new screws P/N MS24693S26, nuts P/N MS21044N08 and washers P/N AN906L.
- Reinstalled existing safety pin on upper end of retaining assist actuator for upper main cabin door.
- Re-secured cabinet forward of LAV with existing hardware.
- Removed the cracked clamp from the center pivot joint of the right main landing gear torque links and installed a new P/N TA607D13 clamp. Reinstalled the torque links nut and secured with cotter pin.
- Replaced deteriorated adel clamps on Left Gear brake hose & squat switch harness and Right gear; brake hose & wire harness upper and lower.
- Replaced taxi light electrical wiring protective covering with spiral wrap P/N 11-2314 to include several adel clamp on drag leg.
- Replaced the plastic chain guard cover over landing gear manual extension chain below pilot seat with new P/N 5017565-3 guard Assy. Function checked good.
- Removed existing deteriorated fwd nose gear door seal and installed new seal P/N A990052.
- Removed the right engine induction air filter and installed a new P/N P10-8421 air filter.
- Installed new nose baggage compartment light lamp P/N 1252. Function check good.
- Martin Sisk A&P 2820858 and A&P Apprentice Shelby Pennock and Jonathan Garza also performed maintenance.

I certify this aircraft, engine, propeller and/or component identified above was repaired and/or inspected in accordance with current F.A.A. regulations and was determined to be in airworthy condition and approved for Return to Service with respect to work performed.

Dated: December 30, 2023 Signed  Steven P. Adams A& P 2713403 IA

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DATE	TOTAL TIME IN SERVICE	TACH OR HOUR METER TIME	DESCRIPTION OF WORK PERFORMED - SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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<p>07/05/21 N1953G Cessna C-421B S/N 421B0852 Hobbs 4135.3 TTAF 6423.9 ELT Date 01/01/24 FAR 91.411 & 91.413 next due 07/23 Registration Expires 08/31/23 Heater Hobbs 214.9 (Next overhaul due in 285.1 hours TIS- each 500 Hours)</p> <p>Comply with Annual inspection per scope and details of FAR 43 Appendix D. Open wing panels, tail - group and remove interior. Inspect/lube cable pulleys, bell cranks, rod ends, chains and hinge points. Lubricate flap track hinges. Check lights for operation. Check batteries for service/condition. Check brake reservoirs for fluid levels. Comply with FAR 91.207(d) with functional check of ELT and found satisfactory. Inspect heater for condition, checking combustion liner with borescope and condition of ignitor. Check security of oxygen bottle. Jack aircraft. Perform gear retraction both normal and emergency. Both found satisfactory. Grease landing gear. Inspect tires and brakes for wear/condition. Close wing panels, tail group and install interior. Corrective Actions Taken: #1- Secure mixture and throttle cables right engine. #2- Bleed left brake. Service both reservoirs. #3- Replace left main strut shruader valve o-ring. Service strut with nitrogen. #4- Comply with FAR 91.411 & 91.413 with systems check. Work performed by Von's Avionics with logbook entry provided. #5- Adjust both left and right vacuum regulators. #6- Remove right engine 3-In-One gauge (p/n 18C452-1 S/N 9999C). Gauge repaired by Texas Aircraft Instruments under w.o. 33897, dated 06/28/21. #7- Replace both vacuum regulator filters (B3-5-1). AD 's checked thru this date and complied with as noted. Complied with AD 72-14-08 R1 "Flexible Hoses" by inspection of both engines. Complied with AD 2000-01-16 "Engine Exhaust System" by inspection of exhaust as outlined. Inspect V-clamps for condition and tightness. Inspect spar carry thru for defects. This AD is due each 50 hours TIS. Next due @ hobbs of 4186.3. Complied with AD 2016-17-08 "Elevator Trim Rod" by inspection, checking hardware for security. Complied with AD 2018-03-03 R1 "Cracks- Forward Lower Carry Thru Spar Cap" by inspection with no cracks noted. I certify that this Aircraft has been inspected in accordance with an Annual inspection and was determined to be in an Airworthy condition on this date.</p> <p>AIR PROFESSIONALS _____ PEARLAND REGIONAL AIRPORT (281) 992-3484</p> <p style="text-align: right;">RANDY WAHLBERG A&P 3563642IA </p>			
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Date	Total Time In Service	Recording Meter Time
1-25-23	6454.1	4165.5



RAM Aircraft, Limited Partnership • Waco Regional Airport

421B Cessna S/N: 421B0852 N1953G

On above referenced aircraft, Installed RAM overhauled engine left s/n 267475-R and flushed and resealed propeller left s/n 952338. Range-marked and reinstalled Manifold pressure and 3-in-1 gages I/AW STC SA5878SW-D. Flight Manual Supplement dated 2/1/85 furnished. Bench checked and reinstalled Tachometer. Replaced left engine EGT probe. Installed new CHT probe on left engine. Installed red silicone impregnated fiberglass baffle material on left engine. FAA-PMA replacement baffles. Installed new Hartzell C28-150 alternator on left engine. See new empty weight and balance in POH.

C/W AD 00-01-16 on left engine only by removal of the exhaust system from the slip joints aft. Installed the following exhaust system components:

Left Engine	P/N	S/N	Condition	Replacement due
TURBO INLET	K9910379-19	284668	NEW	FEBUARY-2035 / 8954.1
INLET TO WASTEGATE CLAMP	2274-30	N/A	NEW	FEBUARY-2035 / 8954.1
TURBO BYPASS ELBOW	K5155156-5	284536	NEW	FEBUARY-2035 / 8954.1
BYPASS TO WASTEGATE CLAMP	2271-200	N/A	NEW	500 Hour Limit / 6954.1
FLEX JOINT	K5155157-1	288024	NEW	FEBUARY-2035 / 8954.1
FLEX JOINT TO TURBO BYPASS CLAMP	2271-200	N/A	NEW	FEBUARY-2035 / 8954.1
FLEX JOINT TO TAILPIPE CLAMP	2265-210-SH	N/A	NEW	FEBUARY-2035 / 8954.1
TAILPIPE	A5155156-47	215642	NEW	FEBUARY-2035 / 8954.1
TAILPIPE CLAMP	2274-50	N/A	NEW	FEBUARY-2035 / 8954.1
LEFT RISER ASSY.	K5155156-204	291407	NEW	FEBUARY-2035 / 8954.1
ELBOW	K9910379-17	277173	NEW	FEBUARY-2035 / 8954.1
CROSSOVER	K9910379-15	289315	NEW	FEBUARY-2035 / 8954.1
RIGHT RISER	K5155156-205	289319	NEW	FEBUARY-2035 / 8954.1
WASTEGATE	470830-0010	H-ZFO00133	OVERHAULED	FEBUARY-2035 / 8954.1
TURBOCHARGER	408610-9001	H-YIR00134	REBUILT	FEBUARY-2035 / 8954.1
SLIP JOINT	K9910314-1	288318	NEW	FEBUARY-2035 / 8954.1

Hartzell ASB No. 057 N/A per turbocharger P/N. C/W para (b) by visual inspection and found to be serviceable. Next visual inspection per para (b) due in 50 hours TIS or 30 calendar days, whichever occurs later. C/W para (c) by Installation of new exhaust tailpipe. Next removal and visual inspection per para (c) due within 5 years. C/W para (d) by inspection of the outboard engine beam and canted bulkhead. Replaced loose rivets on inboard beam. Removed and replaced Left crossbeam support P/N 5054030-3. Re-inspection per para (d) due each 500 hours TIS. C/W para (e) by installation of new left exhaust system. Visual inspection and pressure test of exhaust systems due within 5 years, then each 12 calendar months. System checked satisfactory at this time. C/W para (f) by installing new multi-segment V-band clamps p/n 2271-200, due replacement each 500 flight hours. C/W para (g) by installing new exhaust system from the slip joints aft. Repetitive compliance due at 2,500 hours TIS or 12 years from date of installation, whichever occurs first. Compliance with para (g) due Febuary-2035 or aircraft total time of 8954.1 hours, whichever occurs first. AD C8-08-17 n/a per turbocharger p/n installed. Installed new Aeroquip integral firesleeved fuel and oil hoses meeting TSO-C53A Type D and TSO-C75 Type III on left engine. Installed new RAM FAA-PMA prop de-ice brush block P/N B40012, throttle cable P/N 1220-37, mixture cable P/N 1220-39, propeller cable P/N 1220-41 on left engine. Installed new cabin pressurization ducts p/n CM3211-10B9.5 and CM3211-10B38.0 in left wing. C/W AD 84-26-02 per replacement of air filter. RAM Aircraft recommends air filters to be replaced every 300 hours or annual with mandatory log entry required. Paralleled Alternators. New empty weight and balance computed. Aircraft is approved for return to service for the work performed. Pertinent details on file under projec.t no.10229.

DATE	TOTAL TIME IN SERVICE	TACH OR HOUR METER TIME	DESCRIPTION OF WORK PERFORMED - SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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Date	Total Time In Service		Recording Meter Time
2-2-2023	6454.8		4166.2



RAM Aircraft, Limited Partnership • Waco Regional Airport

Cessna S/N: 421B0852 N1953G

Above referenced aircraft trouble shot intermittent gear down indication on left main gear. Cleaned and adjusted micro switch on left main gear. Aircraft is approved for return to service for the work performed. Pertinent details on file under project no. 10229.

RAM Aircraft, Limited Partnership, P.O. Box 5219, Waco Texas 76708 CRS VA1R551K

**A-1 AIRCRAFT PAINT
126 AIRPORT DRIVE - SUITE 10
MIDWAY REGIONAL AIRPORT
MIDLOTHIAN, TX 76065**

April 27, 2023, Cessna 421B, N23DT, S/N-421B0852, Hobbs: 0220.3

This aircraft was stripped down to metal I/A/W the Cessna service manual and AC 43.13-1B. The aircraft was then inspected for defects with no major defects found. The flight controls were removed for painting and balancing, and the aircraft was then prepared for paint and at this time any blemishes were repaired as necessary and gone over prior to paint. After the aircraft was completely painted the entire aircraft was gone over to look for any imperfections and they too were repaired. All flight controls were reinstalled and balanced as necessary and checked for freedom of movement and found to be ok at this time. This aircraft is returned to service from the paint shop this date, 04/27/2023

Color used: (All Sherwin Williams
Base - Matterhorn White - CMO840103 - JetGlo Express
Major Color - Phantom Gray - 10683 - AcryGlo
Accent Color - Seminole Red - 10630 - AcryGlo

David P. Wheeler A&P 3166281 IA

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CERTIFICATE

BROADIE'S AIRCRAFT Meacham International Airport 4701 N. Main St., Loc 44N, Fort Worth, Texas 76106 817-626-1532 www.BroadiesAircraft.com			
Aircraft Registration #	N1953G	S/N:	421B0852
Description of work performed:	Airframe	421B	Hobbs: 4169.3
1 Removed main battery P/N RG24-20 S/N 41230561. Serviced/charged and installed battery P/N RG24-20 S/N 41230561 IAW 421 SM 14-2A/14-2B and Concorde Battery CMM Doc No 5-0171			
BROADIE'S AIRCRAFT CERTIFIES THAT THE WORK SPECIFIED IN THIS REPAIR ORDER WAS COMPLETED IN ACCORDANCE WITH FAA REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE.			
CRS#WF1R582K			
Signature: <i>Clinton Couner</i>		(146)	
Date: 17/May/2023	Repair Order # 7133		

BROADIE'S AIRCRAFT Meacham International Airport 4701 N. Main St., Loc 44N, Fort Worth, Texas 76106 817-626-1532 www.BroadiesAircraft.com			
Aircraft Registration #	N23DT	S/N:	421B0852
Description of work performed:	Airframe	421B	Hobbs: 4169.9
1 Evacuated system to verify correct refrigerant level. System was serviced exactly as required, reserviced freon with 1.5 lbs. R134a IAW Air Com Corporation SM TR-134 Revision K. Operationally checked air conditioning system with GPU with no defects noted. Operationally checked evaporator and condenser blower motors. Observed high and low side pressured during operation with no defects noted. Operated the air conditioning system with engine power and noted a 21 degree temperature drop from ambient temperature. Noted no defects noted with air conditioning system.			
BROADIE'S AIRCRAFT CERTIFIES THAT THE WORK SPECIFIED IN THIS REPAIR ORDER WAS COMPLETED IN ACCORDANCE WITH FAA REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE.			
CRS#WF1R582K			
Signature:			
Date: 08/Jun/2023	Repair Order # 7178		

BROADIE'S AIRCRAFT Meacham International Airport 4701 N. Main St., Loc 44N, Fort Worth, Texas 76106 817-626-1532 www.BroadiesAircraft.com			
Aircraft Registration #	N23DT	S/N:	421B0852
Description of work performed:	Airframe		Hobbs: 4181.6
1 Removed LH MLG strut and disassembled. Rebuilt, installed, and serviced strut IAW Model 421 SM 2-34 and 4-14.			
2 Removed LH engine fuel flow transmitter P/N 201B S/N 086846. Installed NEW unit P/N 700900-1 S/N 240465 IAW J.P. Instruments Fuel Flow Installation Manual Report #503.			
3 Removed RH engine fuel flow transmitter P/N 700-900-1 S/N 095089. Installed NEW unit P/N 700900-1 S/N 240570 IAW J.P. Instruments Fuel Flow Installation Manual Report #503.			
4 Removed #1 HSI P/N 52D137-1332 S/N I-W3309B. Installed OVERHAULED unit P/N 52D137-1332 S/N I-1677B IAW Cessna 421 SM Sec. 12-1.			
BROADIE'S AIRCRAFT CERTIFIES THAT THE WORK SPECIFIED IN THIS REPAIR ORDER WAS COMPLETED IN ACCORDANCE WITH FAA REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE.			
CRS#WF1R582K			
Signature: <i>Clinton Couner</i>		(145)	
Date: 28/Jul/2023	Repair Order # 7271		

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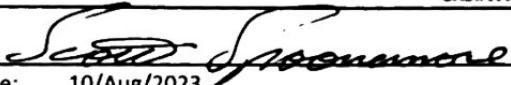
BROADIE'S AIRCRAFT

Meacham International Airport

4701 N. Main St., Loc 44N, Fort Worth, Texas 76106

817-626-1532 www.BroadiesAircraft.com

CERTIFICATE

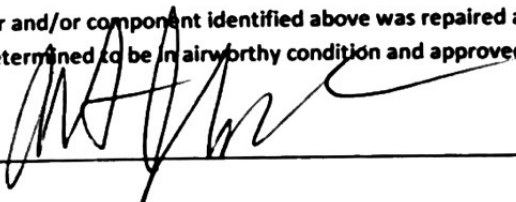
Aircraft Registration # N23DT		S/N: 42180852	
Description of work performed:		Airframe	Hobbs: 4182.7
1	REMOVED AIR CONDITIONING RECIEVER P/N: ES43029-3, COMPRESSOR ASSY P/N: JBS201-16 S/N: K15722 AND EXPANSION VALVE. INSTALLED NEW RECIEVER P/N: ES43029-3, OVERHAULED A/C COMPRESSOR ASSY P/N: JBS201-16 S/N: 3067103880 AND NEW EXPANSION VALVE P/N: N2JW IAW AIR COM CORPORATION TR-134 REVISION K. PAGE 9-27.		
2	REMOVED JPI 201B FUEL FLOW TRANSDUCERS. INSTALLED SERVICEABLE HOSKINS 201B FUEL FLOW TRANSDUCERS. PERFORMED FUEL SYSTEM CHECK IAW CONTINENTAL M-O MANUAL AND CONFIRMED CORRECT FUEL PRESSURE/FLOWS.		
3	REMOVED PRIMARY FUEL FLOW INDICATOR P/N: C662020-0104, S/N: 62636. INSTALLED OVERHAULED INDICATOR P/N: C662020-0104, S/N: 104150 IAW CESSNA 421 SECTION 12-1. OPERATIONAL CHECK GOOD.		
BROADIE'S AIRCRAFT CERTIFIES THAT THE WORK SPECIFIED IN THIS REPAIR ORDER WAS COMPLETED IN ACCORDANCE WITH FAA REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE.			
CRS#WF1R582K			
Signature: 		(116)	
Date: 10/Aug/2023		Repair Order # 7320	

AIRFRAME LOG ENTRY

Mesquite Aircraft Sales & Services	1350 Airport Blvd	Mesquite, Texas 75181
AIRCRAFT REGISTRATION: N23DT	DATE: 11-08-2023	HOBBS: 4158.6
MFG: CESSNA	MODEL: 421B	SERIAL NO. 421B-0852
		AFTT: 6482.2

- Removed Left prop tach generator P/N 22A667 S/N 9668 and bench tested and found no output. Removed old gasket and installed new gasket on tach accessory pad. Installed OVH Left Tach Generator P/N 22A667 S/N 7102 and secured. Reinstalled cowlings as previously removed and perform operational checks. Ops checks good.

I certify this aircraft, engine, propeller and/or component identified above was repaired and/or inspected in accordance with current F.A.A. regulations and was determined to be in airworthy condition and approved for Return to Service with respect to work performed.

Dated; November 08, 2023 Signed  Martin J. Sisk A&P 2820585

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SIMSAIR AVIATION SERVICES
1904 CARDIFF RD, HANGAR HC-103-C
BROOKSHIRE, TX 77423